

**DEVELOPMENT OF ELECTRONIC EMPLOYEE SELECTION  
SYSTEMS AND METHODS**

An automated employee selection system can use a variety of techniques to  
5 provide information for assisting in selection of employees. For example, pre-hire and  
post-hire information can be collected electronically and used to build an artificial-  
intelligence based model. The model can then be used to predict a desired job  
performance criterion (e.g., tenure, number of accidents, sales level, or the like) for new  
applicants. A wide variety of features can be supported, such as electronic reporting. Pre-  
10 hire information identified as ineffective can be removed from a collected pre-hire  
information. For example, ineffective questions can be identified and removed from a job  
application. New items can be added and their effectiveness tested. As a result, a system  
can exhibit adaptive learning and maintain or increase effectiveness even under changing  
conditions.

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